



10/781042

gje
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Patent of:

LAOR et al.

Patent No.: 7,054,520 B2

Issued: May 30, 2006

Confirmation No.: 8371

Atty. File No.: 50080-00890

For: "PLANAR ARRAY OPTICAL SWITCH
AND METHOD"

REQUEST FOR CERTIFICATE OF
CORRECTION OF PATENT FOR
PTO MISTAKE
(37 C.F.R. 1.322(a))

<p>CERTIFICATE OF MAILING</p> <p>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 ON <u>06-19-06</u>.</p> <p>MARSH FISCHMANN & BREYFOGLE LLP</p> <p>BY: <i>Kimberly Otten</i></p>
--

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

Certificate
JUN 26 2006
of Correction

This is a request for a Certificate of Correction for PTO mistake under 37 C.F.R. 1.322(a). The errors in the patent are obvious typographical errors or omissions and the correct wording can be found in Information Disclosure Statement filed February 28, 2006, or the Response to 312 Communication dated April 6, 2006. Attached is form PTO 1050 in duplicate along with copies of documentation that unequivocally supports patentee's assertion(s).

Respectfully submitted,

MARSH FISCHMANN & BREYFOGLE LLP

By: *Kent A. Fisch*

Kent A. Fischmann, Esq.
Registration No. 35,511
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

Date: June 19, 2006

2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2
DATED : May 30, 2006
INVENTOR(S): LAOR et al.

Page 1 of 5

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Section (56) References Cited, insert:

--3,349,174 10/1967 Warschauer 178
4,820,045 04/1989 Boisde et al. 356/319
5,671,304 09/1997 Buguay 385/17
4,198,116 04/1980 Papuchon 350/96.14
4,236,783 12/1980 Hepner et al. 350/96.13
4,304,460 12/1981 Tanaka et al. 350/96.16
4,365,863 12/1982 Broussaud 350/96.15
4,432,599 02/1984 McMahon 350/96.15
4,818,052 04/1989 Le Pessant et al. 350/96.15
5,999,555 12/1999 Connors et al. 372/99
6,289,145 09/2001 Solgaard et al. 385/17
4,812,005 03/1989 Heywang 372/6
5,548,669 05/1996 Anderson et al. 385/15
5,956,441 09/1999 Fairchild et al. 359/131
2,982,859 05/1961 Steinbrecher 250/205
3,492,484 01/1970 Iti 250/199
3,649,105 03/1972 Treuthart 350/285
3,990,780 11/1976 Dakss 350/96
4,003,655 01/1977 Wasilko 356/4
4,179,183 12/1979 Tateoka et al. 350/6.1
4,208,094 01/1980 Tomlinson, III et al. .. 350/96.20
4,234,145 11/1980 Leifobb 244/3.16

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.
Registration No. 35,511
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2
DATED : May 30, 2006
INVENTOR(S): LAOR et al.

Page 2 of 5

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Section (56) References Cited, insert:

4,249,814 02/1981 Hull et al. 354/154
4,303,302 12/1981 Ramsey et al. 350/96.20
4,303,303 12/1981 Adyama 350/96.20
4,322,126 03/1982 Minowa et al. 350/96.20
4,365,863 12/1982 Broussaud 350/96.15
4,431,258 02/1984 Fye 350/1.6
4,470,662 09/1984 Mumzhiu 350/96.15
4,498,730 02/1985 Tamaka et al. 350/96.16
4,574,191 03/1986 Conrad 250/203
4,603,975 08/1986 Cinzori 356/152
4,613,203 09/1986 Proetel et al. 350/6.6
4,614,868 09/1986 Alster 250/227
4,626,066 12/1986 Levinson 350/96.18
4,644,160 12/1987 Arimoto et al. 350/201
4,657,339 04/1987 Fick 350/96.20
4,714,326 12/1987 Usui et al. 350/485
4,738,500 04/1988 Grupp et al. 350/6.6
4,789,215 12/1988 Anderson et al. 350/96.19
4,790,621 12/1988 Calaby et al. 350/96.20
4,796,263 01/1989 Rampolia 372/10
4,814,600 03/1989 Bergstrom 250/221

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.
Registration No. 35,511
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2
DATED : May 30, 2006
INVENTOR(S): LAOR et al.

Page 3 of 5

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page (continued)

Section (56) References Cited, insert:

4,823,402 04/1989 Brooks 455/607
4,838,631 06/1989 Chande et al. 350/6.6
4,838,637 06/1989 Torok et al. 350/96.18
4,859,012 08/1989 Cohn 350/96.24
4,927,225 05/1990 Levinson 350/96.18
4,932,745 06/1990 Blonder 350/96.20
4,933,796 02/1991 Kapany et al. 350/96.15
5,005,934 04/1991 Curtiss 350/96.18
5,028,104 07/1991 Kokoshvili 350/91.15
5,031,987 07/1991 Worling 350/96.15
5,030,004 07/1991 Grant et al. 356/153
5,150,245 09/1992 Smithgall 359/117
5,199,088 03/1993 Magel 385/18
5,204,922 04/1993 Weir et al. 385/18
5,208,880 05/1993 Riza et al. 385/18
5,221,987 06/1993 Laughlin 359/222
5,271,075 12/1993 Gfeller et al. 385/20
5,291,324 03/1994 Hinterlong 359/135
5,317,659 05/1994 Lee 385/22
5,420,946 05/1995 Tsai 385/22
5,436,986 07/1995 Tsai 385/16
5,440,654 08/1995 Lambert, Jr. 385/17

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.
Registration No. 35,511
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2

Page 4 of 5

DATED : May 30, 2006

INVENTOR(S): LAOR et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page (continued)

Section (56) References Cited, insert:

5,453,827 09/1995 Lee 356/73.1
5,524,153 06/1996 Laor 385/16
5,546,484 08/1996 Fling et al. 385/16
5,594,820 01/1997 Garel-Jones et al. 385/22
5,627,669 05/1997 Orino et al. 359/156
5,629,993 05/1997 Smiley 385/22
5,647,033 07/1997 Laughlin 385/16
6,097,859 08/2000 Solgaard et al. 385/17
5,037,173 08/1991 Sampsell et al. 385/17
5,661,591 08/1997 Lin et al. 359/290
6,327,398 12/2001 Solgaard et al. 385/18

FOREIGN PATENT DOCUMENTS

GB 1160546 09/1966
JP 5-107485 04/1993
JP 0192233 08/1989
JP 0066154 05/1980
JP 1-1226228 1989
GB 2221810A 02/1990
FR 2523735 03/1982
JP 01102515 04/1989

MAILING ADDRESS OF SENDER:

PATENT NO. 7,054,520 B2

Kent A. Fischmann, Esq.

Registration No. 35,511

MARSH FISCHMANN & BREYFOGLE LLP

3151 South Vaughn Way, Suite 411

Aurora, Colorado 80014

Telephone: 720-406-0506

Facsimile: 720-406-0520

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2

Page 5 of 5

DATED : May 30, 2006

INVENTOR(S): LAOR et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page (continued)

Section (56) References Cited, insert:

FOREIGN PATENT DOCUMENTS

JP 55-159402 05/1979

JP 1-102515 10/1987

JP 5-107485 10/1991

OTHER PUBLICATIONS

Dakin, J.P., Fibre Optics '84, SPIE Vol, 468, 1984, pp. 219-225.

Henderson, W., Fibre Optics '89, SPIE Vol, 1120, pp. 99-103.

We Seng Hu and Qing Ji Zeng, Opt. Eng. 37(6) (June 1998), pp. 1834-1837.

Hamam, Optics Communications 150 (1998), pp. 270-276.

Chang-Hyeon Ji, Bum-Kyoo Choi and Yong-Kweon Kim, IEEE (1997), pp. 243-247.--.

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.

Registration No. 35,511

MARSH FISCHMANN & BREYFOGLE LLP

3151 South Vaughn Way, Suite 411

Aurora, Colorado 80014

Telephone: 720-406-0506

Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2

Page 1 of 5

DATED : May 30, 2006

INVENTOR(S): LAOR et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Section (56) References Cited, insert:

--3,349,174 10/1967 Warschauer 178
4,820,045 04/1989 Boide et al. 356/319
5,671,304 09/1997 Buguay 385/17
4,198,116 04/1980 Papuchon 350/96.14
4,236,783 12/1980 Hepner et al. 350/96.13
4,304,460 12/1981 Tanaka et al. 350/96.16
4,365,863 12/1982 Broussaud 350/96.15
4,432,599 02/1984 McMahon 350/96.15
4,818,052 04/1989 Le Pellant et al. 350/96.15
5,999,555 12/1999 Connors et al. 372/99
6,289,145 09/2001 Solgaard et al. 385/17
4,812,005 03/1989 Heywang 372/6
5,548,669 05/1996 Anderson et al. 385/15
5,956,441 09/1999 Fairchild et al. 359/131
2,982,859 05/1961 Steinbrecher 250/205
3,492,484 01/1970 Ili 250/199
3,649,105 03/1972 Treuthart 350/285
3,990,780 11/1976 Dakss 350/96
4,003,655 01/1977 Wasilko 356/4
4,179,183 12/1979 Tateoka et al. 350/6.1
4,208,094 01/1980 Tomlinson, III et al. .. 350/96.20
4,234,145 11/1980 Leifobb 244/3.16

MAILING ADDRESS OF SENDER:

PATENT NO. 7,054,520 B2

Kent A. Fischmann, Esq.

Registration No. 35,511

MARSH FISCHMANN & BREYFOGLE LLP

3151 South Vaughn Way, Suite 411

Aurora, Colorado 80014

Telephone: 720-406-0506

Facsimile: 720-406-0520

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2
DATED : May 30, 2006
INVENTOR(S): LAOR et al.

Page 2 of 5

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Section (56) References Cited, insert:

4,249,814 02/1981 Hull et al. 354/154
4,303,302 12/1981 Ramsey et al. 350/96.20
4,303,303 12/1981 Adyama 350/96.20
4,322,126 03/1982 Minowa et al. 350/96.20
4,365,863 12/1982 Broussaud 350/96.15
4,431,258 02/1984 Fye 350/1.6
4,470,662 09/1984 Mumzhiu 350/96.15
4,498,730 02/1985 Tamaka et al. 350/96.16
4,574,191 03/1986 Conrad 250/203
4,603,975 08/1986 Cinzori 356/152
4,613,203 09/1986 Proetel et al. 350/6.6
4,614,868 09/1986 Alster 250/227
4,626,066 12/1986 Levinson 350/96.18
4,644,160 12/1987 Arimoto et al. 350/201
4,657,339 04/1987 Fick 350/96.20
4,714,326 12/1987 Usui et al. 350/485
4,738,500 04/1988 Grupp et al. 350/6.6
4,789,215 12/1988 Anderson et al. 350/96.19
4,790,621 12/1988 Calaby et al. 350/96.20
4,796,263 01/1989 Rampolia 372/10
4,814,600 03/1989 Bergstrom 250/221

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.
Registration No. 35,511
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2
DATED : May 30, 2006
INVENTOR(S): LAOR et al.

Page 3 of 5

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page (continued)

Section (56) References Cited, insert:

4,823,402 04/1989 Brooks 455/607
4,838,631 06/1989 Chande et al. 350/6.6
4,838,637 06/1989 Torok et al. 350/96.18
4,859,012 08/1989 Cohn 350/96.24
4,927,225 05/1990 Levinson 350/96.18
4,932,745 06/1990 Blonder 350/96.20
4,933,796 02/1991 Kapany et al. 350/96.15
5,005,934 04/1991 Curtiss 350/96.18
5,028,104 07/1991 Kokoshvili 350/91.15
5,031,987 07/1991 Worling 350/96.15
5,030,004 07/1991 Grant et al. 356/153
5,150,245 09/1992 Smithgall 359/117
5,199,088 03/1993 Magel 385/18
5,204,922 04/1993 Weir et al. 385/18
5,208,880 05/1993 Riza et al. 385/18
5,221,987 06/1993 Laughlin 359/222
5,271,075 12/1993 Gfeller et al. 385/20
5,291,324 03/1994 Hinterlong 359/135
5,317,659 05/1994 Lee 385/22
5,420,946 05/1995 Tsai 385/22
5,436,986 07/1995 Tsai 385/16
5,440,654 08/1995 Lambert, Jr. 385/17

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.
Registration No. 35,511
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2

Page 4 of 5

DATED : May 30, 2006

INVENTOR(S): LAOR et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page (continued)

Section (56) References Cited, insert:

5,453,827 09/1995 Lee 356/73.1
5,524,153 06/1996 Laor 385/16
5,546,484 08/1996 Fling et al. 385/16
5,594,820 01/1997 Garel-Jones et al. 385/22
5,627,669 05/1997 Orino et al. 359/156
5,629,993 05/1997 Smiley 385/22
5,647,033 07/1997 Laughlin 385/16
6,097,859 08/2000 Solgaard et al. 385/17
5,037,173 08/1991 Sampsell et al. 385/17
5,661,591 08/1997 Lin et al. 359/290
6,327,398 12/2001 Solgaard et al. 385/18

FOREIGN PATENT DOCUMENTS

GB 1160546 09/1966
JP 5-107485 04/1993
JP 0192233 08/1989
JP 0066154 05/1980
JP 1-1226228 1989
GB 2221810A 02/1990
FR 2523735 03/1982
JP 01102515 04/1989

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.
Registration No. 35,511
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
Telephone: 720-406-0506
Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,520 B2

Page 5 of 5

DATED : May 30, 2006

INVENTOR(S): LAOR et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page (continued)

Section (56) References Cited, insert:

FOREIGN PATENT DOCUMENTS

JP 55-159402 05/1979

JP 1-102515 10/1987

JP 5-107485 10/1991

OTHER PUBLICATIONS

Dakin, J.P., Fibre Optics '84, SPIE Vol, 468, 1984, pp. 219-225.

Henderson, W., Fibre Optics '89, SPIE Vol, 1120, pp. 99-103.

We Seng Hu and Qing Ji Zeng, Opt. Eng. 37(6) (June 1998), pp. 1834-1837.

Hamam, Optics Communications 150 (1998), pp. 270-276.

Chang-Hyeon Ji, Bum-Kyoo Choi and Yong-Kweon Kim, IEEE (1997), pp. 243-247.--.

MAILING ADDRESS OF SENDER:

Kent A. Fischmann, Esq.

Registration No. 35,511

MARSH FISCHMANN & BREYFOGLE LLP

3151 South Vaughn Way, Suite 411

Aurora, Colorado 80014

Telephone: 720-406-0506

Facsimile: 720-406-0520

PATENT NO. 7,054,520 B2